

# इंटरनेट

# मानक

## Disclosure to Promote the Right To Information

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD17 (1974): Dimensions of Semiconductor Devices,  
Device Outline OD17 [LITD 5: Semiconductor and Other  
Electronic Components and Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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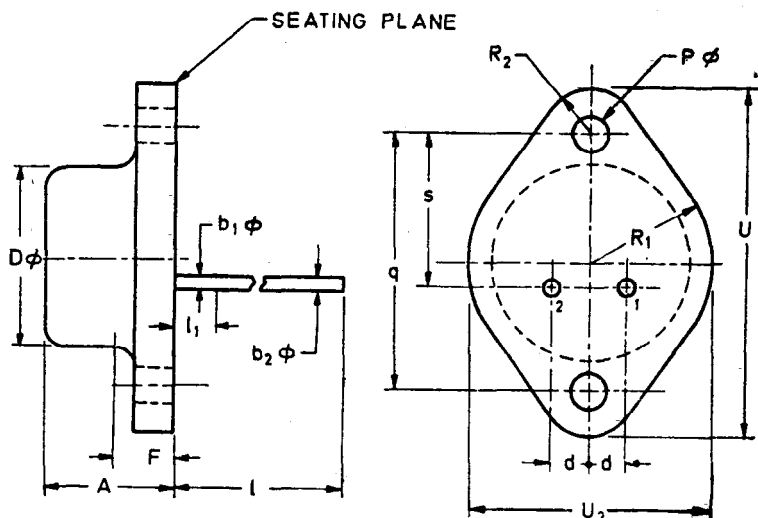


## Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES  
DEVICE OUTLINE OD17

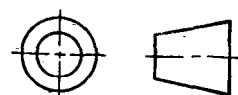
## 1. Dimensions

**Note**— This drawing has been prepared in accordance with IS : 5001 ( Part I )-1969 ' Guide for the preparation of drawings of semiconductor devices and integrated circuits: Part I Semiconductor devices ' and IS : 5001 ( Part II )-1973 ' Guide for the preparation of drawings of semiconductor devices and integrated circuits: Part II Integrated circuits '.



Reference	Millimetres			Note
	Min	Nom	Max	
A	See page 2			
$b_1$	—	—	1.52	
$b_2$	0.97	—	1.09	
D	—	—	22.86	
d	—	5.46*	—	1
F	—	—	3.81	
l	8.0	—	13.9	
$l_1$	—	—	1.52	
p	3.84	—	4.21	
q	29.90	—	30.40	
$R_1$	—	—	13.58	
$R_2$	—	—	4.82	
s	—	16.89*	—	
$U_1$	—	—	40.13	
$U_2$	—	—	27.17	

\*True geometrical position.



Adopted 15 July 1974

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Gr 1

Type A			
Reference	Min	Nom	Max
A	—	—	12.19 mm
Type B			
A	—	—	8.63 mm

**Note 1** — The cross-section of each terminal at a distance  $l_1$ , Max from the seating plane lies in a circle having a diameter of 1.60 mm centred at the true geometrical position defining the terminal axis at its point of exit.

**Note 2** — See also IS : 5000 ( OC4 )-1969 'Dimensions of semiconductor devices: Case outline OC4' and IS : 5000 ( OB7 )-1969 'Dimensions of semiconductor devices: Base outline OB7'.

**2. Rules for Coding** — See 8.1 of IS : 5001 ( Part I )-1969.

**3. Equivalent Designation Code Followed by Other Countries and Organizations**

Country or Organization	Designation Code
India	OD 17A and OD 17B
IEC	—
USA	To-3
France	To-3/F 24
Germany	3A2 and 3A3
Netherlands	NT3
Italy	To-3
UK	SO-5A & SO-5B